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WTC 69-12504-210

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OTS 11-65-0010

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[1961] 6p. 15 refs.
Order from OTS or SLA \$1.10

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DESCRIPTORS: *Turpentine, *Raman spectroscopy.
Fractionation. Spectrographic analysis, Pine.

(Chemistry--Organic, TT, v. 7, no. 11)

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FROM PINUS SILVESTRIS. [1961] 3p. 8 refs.
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Condensed trans. of [Akademiya Nauk SSSR]. *Comptes Rendus (Doklady) de l'Academie des Sciences de l'U.R.S.S.*, [1944] v. 44, no. 9, p. 372-374.

DESCRIPTORS: *Turpentine, Fractionation, Raman spectroscopy, Spectrographic analysis.

Turpentine from *Pinus silvestris* was fractionated, and six fractions subjected to Raman spectroscopic analysis. A comparison of the data obtained with those reported in the literature indicates the presence of α -pinene, Δ^3 -carene, β -carene and a laevorotatory form of Δ^3 -carene. Evidence that terpinolene and χ -limonene are present in Russian turpentines is also cited. (Author)

(Chemistry--Organic, TT, v. 6, no. 7)

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SLA TT-61-18152

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2 refs.

Order from OTS or SLA \$1.10

61-18196

Trans. of [Akademiya Nauk SSSR]. Comptes Rendus
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1944, v. 45, p. 331-333.

DESCRIPTORS: *Sulfuric acid, *Ethylenes, Absorption.

Experiments are reported showing that at constant ab-
sorption surface the quantity of ethylene absorbed per
unit time by 95 per cent sulfuric acid at 70°C is pro-
portional to its partial pressure within 30 and 800 mm
at a given degree of saturation of the acid. At a con-
stant contact period the ratio of the initial partial pres-
sure of ethylene to the final and, consequently, the ex-
tent to which ethylene reacts, remains constant and
(Chemistry--Physical, TT, v. 6, no. 7) (over)

61-18196

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Aug 1957, pp 1264-1269.

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Butch Jones
~~Copy to [illegible]~~
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Sci - Min/Met
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Order from ATS \$8.25

ATS-01Q74R

Trans. of Khim[ya] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1963, v. 8, no. 6, p. 17-21.

(Engineering-Chemical, TT, v. 11, no. 12)

TT-64-12767

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III. ATS-01Q74R
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The Chemical Nature and the Action of Aluminum-
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[1961] 7p.

Order from ATS \$10.80

ATS-81N57R

Trans. of Khim[ia] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1961, v. 6, no. 4, p. 9-14.

DESCRIPTORS: *Absorption, *Adsorption, *Heat,
*Stability, Molecular structure.

(Physics--Molecular, ITT, v. 7, no. 10)

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CAL COMPOSITION. [1961] 7p.

Order from ATS \$12.60

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Trans. of Khim[ia] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1960, v. 5, no. 8, p. 15-21.

DESCRIPTORS: *Alumina-silica catalysts, Stability,
Porosity, Chemical properties.

(Chemistry--Physical TT, v. 6, no. 4)

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Vol III, No 1, 1958, pp 47-52.

Assoc Tech Serv RJ-1386
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Order from ATS \$4.25

ATS-01Q74R

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- III. ATS-01Q74R
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